



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

518

Application Number

10/688,173

Filing Date

October 17, 2003

First Named Inventor

David Harris

Art Unit

3677

Examiner Name

Flemming Saether

Attorney Docket Number

11-9540-6520-0000-5

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____

☐ Landscape Table on CD

Remarks



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

MacLean-Fogg Company

Signature

Printed name

Dana Andrew Alden

Date

June 27, 2006

Reg. No.

46,475

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

Typed or printed name

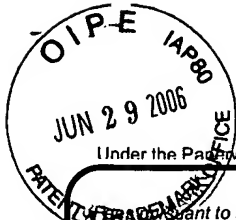
Dana Andrew Alden

Date

June 27, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IFW/S

PTO/SB/17 (12-04v2)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Effective on 12/08/2004.

Subject to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL For FY 2005

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Examiner Name	Flemming Saether
Art Unit	3677
Attorney Docket No.	11-9540-6520-0000-5

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 502318 Deposit Account Name: MacLean-Fogg Company

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
- 20 or HP =	x	=		Fee (\$)	Fee Paid (\$)

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): The fee set forth in Section 1.17(p)

Fees Paid (\$)

\$180.00

SUBMITTED BY			
Signature		Registration No. (Attorney/Agent) 46,475	Telephone (847) 970-4645
Name (Print/Type)	Dana Andrew Alden	Date June 27, 2006	

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Via Express 1st Class Mail
Our File No. 11-9540-6520-0000-5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors : David Harris
Serial Number : 10/688,173
Filing Date : October 17, 2003
Title : Locking Fastener Assembly
Examiner : Flemming Saether
Art Unit : 3677

TO: Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Dana Andrew Alden
Registration No. 46,475

Date: 6.27.06

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Please enter the remarks as set forth below.

06/30/2006 MAHMED1 00000071 502318 10688173

01 FC:1806 180.00 DA

REMARKS

In accordance with M.P.E.P. § 609, 37 C.F.R. §§ 1.97 and 1.98, Applicants tender herewith an information disclosure statement containing references, which may be material to patentability of the present invention.

As required, Applicants have included a copy of each foreign patent document and each non-patent publication. With respect to the requirement for a concise explanation of the relevance of information not in English, Applicants followed the following procedure. For each non-English document, Applicants first attempted to acquire a corresponding English version of the complete document. See, M.P.E.P. § 609.04(a) III. Where a corresponding English version of the complete document was unavailable, Applicants then attempted to acquire an English version of the Abstract. See, M.P.E.P. § 609.04(a) III. Where an English version of the Abstract was not available, Applicants then attempted to provide the office action or search report, wherein the reference was cited. See, M.P.E.P. § 609.04(a) III. Where neither of the foregoing were available, Applicants prepared a rough translation of the document. See, M.P.E.P. § 609.04(a) III.

Please be advised, that Applicants were unable to acquire copies of the following documents, which may be material to patentability of the present invention:

1. JP 51-124573;
2. IT 636531;
3. JP 59-54971;
4. JP 56-148116; and
5. JP 63-152822.

With respect to JP 56-148116 and JP 63-152822, however, Applicant encloses, immediately following this page, a translation of the office action wherein they were cited, as well as a translation of a portion of each document.

Applicant would appreciate the Examiner considering each reference on the enclosed information disclosure statements. If the Examiner has any questions,

comments, or requests in relation to the enclosed, please do not hesitate to contact Applicants' representative.

Dated: June 27, 2006

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'Dana Alden', written over a horizontal line.

Dana Andrew Alden
(Reg. No. 46,475)
MacLean-Fogg Company
1000 Allanson Road
Mundelein, Illinois 60060
(847) 970-4645



Translation of the Office Action

The invention claimed in claims 1 through 9 of the present application is considered to have been easily made on the basis of the inventions described in the following publications which were circulated in Japan prior to the filing of the present application, and therefore the invention is considered unpatentable in view of the provisions of Article 29, Para 2. of the Patent Law.

REFERENCES

- (1) Japanese Utility Model Laid-open JP-U-A-56-148116 (1981)
- (2) Japanese Utility Model Laid-open JP-U-A-63-152822 (1988)
- (3) Japanese Patent Laid-open JP-A-54-147349 (1979)
- (4) Japanese Patent Laid-open JP-A-62-176828 (1987)
- (5) Japanese Patent Laid-open JP-A-61-192915 (1986)

Remarks:

© With respect to claims 1 to 9:

(1) References 1: See the shape of a covering body 1 in which a nut body 4 is disposed. With a bolt threaded through the nut body 4, the bolt is threadedly cut into a bore 2 of the covering body 1. This prevents the bolt from loosening.

(2) References 2: See the structure for retaining a leaf spring 13.

(3) References 3: See the structure for covering a soft packing 4 with a plastic cap 5.

(4) It is a well known matter to retain a nut and the like with a circular rib (see references 4 and 5).

(5) It is merely a matter of engineering design to provide a circular rib for retaining a washer.

Translation of the relevant portions of reference 1

(Japanese Utility Model Publication JP-U-A-56-148116 (1981))

(1) Reference 1 discloses a nut comprising a covering body 1 in which and a nut body 4 is disposed. The covering body 1 is made of hard plastic material. The nut body 4 of metal is embedded in the covering body 1 at its lower end and includes an internal threads 3, a pitch diameter of which is substantially the same as the inner diameter of the bore 2 of covering body 1.

With a bolt threaded through the nut body 4, the bolt is threadedly cut into a bore 2 of the covering body 1. Thus this prevents the bolt from loosening due to the elasticity of the hard plastic material.

Translation of the relevant portions of reference 2

(Japanese Utility Model Publication JP-U-A-63-152822 (1988))

Reference 2 discloses a nut for a bolt for retaining a corrugated plate. A plastic cap 1 includes an annular groove 6 formed therein. A threaded member 3 is fixed within the cap 1 so that it can not rotate relative to the cap 1. An elastic disk-shaped abutment plate 7 is inserted in the groove 6 for rotation. A leaf spring 13 is interposed between the abutment plate 7 and the threaded member 3 and freely received in the groove 6. A through hole 14 for a bolt is centrally formed in the leaf spring 13.

A hook bolt 2 is threaded into the threaded member 3 with the upper surface of the abutment plate 7 abutting against the lower surface of the elastic plate 13.

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
		JP-46-012-091	04-27-1971		Pages 1-2	✓
		JP-62-171510	07-28-1987	Kawabata Yoshio	Pages 1-3	✓
		JP-51-026263	02-26-1976		Pages 1-7	✓
		JP 06-341420	12-13-1994	Ueda Akemi	Pages 1-7	✓

**Examiner
Signature**

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/688,173
				Filing Date	October 17, 2003
				First Named Inventor	David Harris
				Art Unit	3677
				Examiner Name	Flemming Saether
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		N. FUGIMOTO, Notification of Reasons for Rejection, July 28, 2005, Pages 1-5, Japanese Patent Office	✓

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of

42

Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 33,487	10-15-1861	L. Marsh	Pages 1-2
		US- 45,133	11-22-1864	Bonwill	Pages 1-3
		US- 80,031	07-14-1868	N. Thompson	Pages 1-3
		US- 142,112	08-26-1873	Corning et al.	Pages 1-2
		US- 185,936	01-02-1877	Landfear	Pages 1-2
		US- 197,467	11-27-1877	H. A. Harvey	Pages 1-2
		US- 205,990	07-16-1878	G. C. Armstrong	Pages 1-3
		US- 229,287	05-27-1884	F. B. Stevens	Pages 1-3
		US- 243,493	06-28-1881	J. C. Bloom	Pages 1-2
		US- 292,063	01-15-1884	N. E. Shailer	Pages 1-3
		US- 324,487	08-18-1885	Rice	Pages 1-3
		US- 367,196	07-26-1887	B. N. Deblieux	Pages 1-2
		US- 369,362	09-06-1887	D. C. Plank	Pages 1-3
		US-			
		US- 388,000	08-14-1888	J. T. Rider	Pages 1-3
		US- 429,851	06-10-1890	Ericson	Pages 1-3
		US- 449,887	04-07-1891	C. D. Harvey	Pages 1-3
		US- 453,563	06-02-1891	Nicholson	Pages 1-2
		US- 464,301	12-01-1891	H. A. Harvey	Pages 1-3

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		GB2201216	08-24-1988	Heal	Pages 1-15	
		GB739495	10-26-1955	Svenska Aktiebolaget	Pages 1-5	
		EP291412 A1	11-17-1988	Gault	Pages 1-14	✓
		WO 9407041	03-31-1994	Matthews Norma Leslie	Pages 1-24	
		DE 41 05 741 A1	09-03-1992	Mercedes Benz	Pages 1-6	✓
		GB 2051285	01-14-1981	Jones	Pages 1-4	

Examiner
SignatureDate
Considered

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(Use as many sheets as necessary)

Sheet **2** of **42****Complete if Known**

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		Number-Kind Code ² (if known)			
		US- 497,510	05-16-1893	Adler	Pages 1-3
		US- 551,043	12-10-1895	H. A. Otto	Pages 1-2
		US- 553,780	01-28-1896	J. Dickason	Pages 1-3
		US- 586,232	07-13-1897	S. W. English	Pages 1-3
		US- 594,330	11-23-1897	Cox, Jr.	Pages 1-3
		US- 638,326	12-05-1899	E. L. Farr	Pages 1-4
		US- 684,673	10-15-1901	C. S. Clark	Pages 1-4
		US- 715,891	12-16-1902	W. A. Somerby	Pages 1-3
		US- 720,580	02-17-1903	E. T. Greenfield	Pages 1-3
		US- 738,217	09-08-1903	H. T. Love	Pages 1-5
		US- 752,628	02-16-1904	W. C. Miner	Pages 1-2
		US- 793,824	07-04-1905	J. V. Culliney	Pages 1-4
		US- 794,127	07-04-1905	C. E. Slayton & D. L. Zellner	Pages 1-5
		US- 827,562	07-31-1906	J. N. Pollock & N. W. Deruelle	Pages 1-3
		US- 843,720	02-12-1907	J. Waddell & D. W. Tower	Pages 1-3
		US- 853,005	04-14-1908	C. Kesler	Pages 1-3
		US- 887,962	05-19-1908	H. Reisner	Pages 1-3
		US- 889,593	06-02-1908	J. C. Fleischmann	Pages 1-3
		US- 909,033	01-05-1909	L. A. Smith	Pages 1-2

FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		GB 567 862	03-06-1945	Birchall	Pages 1-4	
		GB 662 298	12-05-1951	Simmonds Aerocessories Lt	Pages 1-4	
		AU-B-1 785 270	01-27-1972	Padget	Pages 1-16	
		GB-A-213 188	03-27-1924	William Youlten	Pages 1-3	
		GB-A-7 781	03-28-1912	C. J. H. MacKenzie-Kenned	Pages 1-7	
		FR 575 341	07-28-1924	Gloriod	Pages 1-2	✓

Examiner
SignatureDate
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet 3 of 42

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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		US- 920,947	05-11-1909	C. N. Gilmore	Pages 1-4
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		US- 949,741	02-15-1910	C. D. Loehr	Pages 1-2
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		FR 633 186	01-23-1928	Vallery	Pages 1-2	<input checked="" type="checkbox"/>
		FR 646 842	11-16-1928	Hamel	Pages 1-3	<input checked="" type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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Sheet	5	of	42
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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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Sheet **6** of **42****Complete if Known**

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Filing Date	October 17, 2003
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Sheet	7	of	42
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Application Number	10/688,173
Filing Date	October 17, 2003
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Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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		US- 2,112,494	03-29-1938	C. G. Olson	Pages 1-4
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		US- 2,133,555	10-18-1938	Mayfield	Pages 1-2
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Art Unit	3677
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		US- 2,226,491	12-24-1940	C. W. Gustafson	Pages 1-3
		US- 2,228,217	01-07-1941	C. G. Olson	Pages 1-7
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 9 of 42

Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Sheet 10 of 42

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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet **11** of **42****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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First Named Inventor	David Harris
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Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet	12	of	42
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Sheet **13** of **42****Complete if Known**

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Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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First Named Inventor	David Harris
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Attorney Docket Number	11-9540-6520-0000-5

Sheet	14	of	42
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		US- 3,144,695	08-18-1964	Budwig	Pages 1-5
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		US- 3,164,055	01-05-1965	W. B. Duffy	Pages 1-8
		US- 3,165,136	01-12-1965	B. M. Horton	Pages 1-5
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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		US- 3,200,691	08-17-1965	R. Neuschotz	Pages 1-9
		US- 3,204,679	09-07-1965	J. Walsh	Pages 1-3
		US- 3,208,328	09-28-1965	J. L. Myers	Pages 1-3
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		US- 3,241,589	03-22-1966	M. L. Enders	Pages 1-4
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First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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		US- 3,301,299	01-31-1967	G. W. Stanwick	Pages 1-4
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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet	17	of	42
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet **21** of **42**

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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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		US- 3,967,083	06-29-1967	Bould et al.	Pages 1-15
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		US- 3,975,992	08-24-1976	Cagle	Pages 1-5
		US- 3,978,760	09-07-1976	Muenchinger	Pages 1-12
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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet **22** of **42****U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
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Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet 23 of 42

U. S. PATENT DOCUMENTS

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First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet **24** of **42****U. S. PATENT DOCUMENTS**

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		Number-Kind Code ² (if known)			
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		US- 4,637,766	01-20-1987	Milliser	Pages 1-7
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First Named Inventor	David Harris
Art Unit	3677
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Sheet	25	of	42
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Sheet 26 of 42

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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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		US- 5,203,656	04-20-1993	McKinlay	Pages 1-8
		US- 5,211,551	05-18-1993	Uppal et al.	Pages 1-8
		US- 5,219,255	06-15-1993	Hussain	Pages 1-7
		US- 5,228,725	07-20-1993	Aoyagi et al.	Pages 1-6
		US- 5,234,291	08-10-1993	Swemmer	Pages 1-4

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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet 27 of 42**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Application Number	10/688,173
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Examiner Name	Flemming Saether
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Sheet 30 of 42

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Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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Sheet	31	of	42
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		US- 2003/0194294	10-16-2003	Wilson	Pages 1-6
		US- 2004/0167001	08-26-2004	Hagihara et al.	Pages 1-7
		US- 2004/0174015	09-09-2004	Deremiah	Pages 1-9
		US- 2005/0008457	01-13-2005	Winker	Pages 1-7
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		US- 4,460,300	07-17-1984	Bettini et al.	Pages 1-4
		US- 3,960,047	06-01-1976	Liffick	Pages 1-4
		US- 2,432,531	12-16-1947	G. A. Lyon	Pages 1-4
		US- 4,382,635	05-10-1983	Brown et al.	Pages 1-4
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		EP 0930 175 A	07-21-1999	Peugeot	Pages 1-6	<input checked="" type="checkbox"/>
		GB 26739	12-08-2004	Dale Marshall	Pages 1-3	<input type="checkbox"/>
		GB 830 722	03-16-1960	Morse	Pages 1-7	<input type="checkbox"/>
		GB 507 104	07-06-1939	Allam	Pages 1-4	<input type="checkbox"/>
		GB 618,388	04-13-1949	Watson	Pages 1-5	<input type="checkbox"/>
		GB 2 167 516	05-19-1986	Key Manufacturing Inc.	Pages 1-6	<input type="checkbox"/>

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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U. S. PATENT DOCUMENTS

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		Number-Kind Code ² (if known)			
		US- 712,905	11-04-1902	J. W. Cannon	Pages 1-3
		US- 1,040,215	10-01-1912	L. D. Kriner	Pages 1-3
		US- 1,081,631	12-16-1913	C. M. Siever	Pages 1-3
		US- 1,140,974	05-25-1915	J. R. Formby	Pages 1-2
		US- 1,150,362	08-17-1915	C. S. Hascall	Pages 1-4
		US- 1,543,282	06-23-1925	E. B. De Loe	Pages 1-3
		US- 1,611,408	12-21-1926	H. A. Bowers	Pages 1-3
		US- 3,208,493	09-28-1965	H. D. Holmes	Pages 1-6
		US- 3,307,893	03-07-1967	E. H. Williams	Pages 1-4
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Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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		US- 4,887,950	12-19-1989	Sakayori et al.	Pages 1-17
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Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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		US- 4,557,654	12-10-1985	Masuda et al.	Pages 1-9
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		US- 4,576,533	03-18-1986	Chartier	Pages 1-4
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		US- 1,254,514	01-22-1918	Lehmann	Pages 1-3
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

Sheet 40 of 42

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,968,202	11-6-1990	Lanham	Pages 1-8
		US- 4,993,902	02-19-1991	Hellon	Pages 1-5
		US- 5,028,093	07-02-1991	Nason	Pages 1-4
		US- 5,048,898	09-17-1991	Russell	Pages 1-6
		US- 5,082,409	01-21-1992	Bias	Pages 1-10
		US- 5,163,797	11-17-1992	Patti	Pages 1-5
		US- 5,180,266	01-19-1993	Nolan	Pages 1-5
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		US- 5,370,486	12-06-1994	Plummer	Pages 1-19
		US- 5,380,070	01-10-1995	FitzGerald	Pages 1-3
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		US- 6,418,772	07-16-2002	Talbott, et al.	Pages 1-9
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		US- 5,555,628	09-17-1996	Madden	Pages 1-7
		US- 5,538,566	07-23-1996	Gallagher, Jr.	Pages 1-5
		US- 5,496,425	03-05-1996	Gallagher, Jr.	Pages 1-6
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		US- 5,454,888	10-03-1995	Gallagher, Jr.	Pages 1-5

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Sheet	41	of	42
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Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

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				Application Number	10/688,173
				Filing Date	October 17, 2003
				First Named Inventor	David Harris
				Art Unit	3677
				Examiner Name	Flemming Saether
Sheet	42	of	42	Attorney Docket Number	11-9540-6520-0000-5

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Textron Fastening Systems Torx® Drive System, 2001, Pages 1-8, Textron Fastening Systems	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

2

Attorney Docket Number

11-9540-6520-0000-5

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Filing Date	October 17, 2003
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First Named Inventor	David Harris
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Art Unit	3677
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U. S. PATENT DOCUMENTS

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		Country Code ³ ~ Number ⁴ ~ Kind Code ⁵ (if known)				
		DE 593 758	03-02-1934	Lydia Schubert	Pages 1-3	
		GB 547 634	09-04-1942	Jack Purdue	Pages 1-4	

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				Filing Date	October 17, 2003
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				Art Unit	3677
				Examiner Name	Flemming Saether
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-5

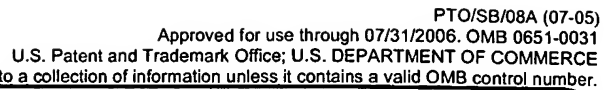
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		Translation of Office Action, Circa November 1997, Page 1, Japanese Patent Office	
		Translation of the Relevant Portions of JP-U-A-56-148116, which was cited as Reference 1 in the above-referenced Japanese Office Action, Circa November 1997, Page 1	
		Translation of the Relevant Portions of JP-U-A-63-152822, which was cited as Reference 2 in the above-referenced Japanese Office Action, Circa November 1997, Page 1	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
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		JP 54-14351	02-02-1979		Pages 1-8	<input type="checkbox"/>
		JP 61-149606	07-08-1986	Toth	Pages 1-6	<input checked="" type="checkbox"/>
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		Examiner, Translation of Notification of Reasons of Rejection, 6/28/1996, Pages 1-2, Japanese Patent Office	
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Sheet	1	of	2
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		GB 2 179 416 A	03-04-1987	Auto Turned Product	Pages 1-4	
		EP 0 153 487 A1	04-09-1985	Hi-Ton International Ltd.	Pages 1-11	
		EP 0 939 236 A1	01-09-1999	JPE, Inc.	Pages 1-6	
		FR 2 121 270	08-18-1972	Barber and Colman Limited	Pages 1-7	

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		H. GRANGER, Supplementary European Search Report, February 23, 2006, Pages 1-2	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	1	of	2
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Complete if Known

Application Number	10/688,173
Filing Date	October 17, 2003
First Named Inventor	David Harris
Art Unit	3677
Examiner Name	Flemming Saether
Attorney Docket Number	11-9540-6520-0000-5

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		EP 1 248 004 A2	10-09-2002	Industrial and Automotive	Pages 1-10	
		JP-2003-247519	05-09-2003	Yanmar Co Ltd.	Pages 1-6	✓

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		C. MARTIN, Supplementary European Search Report, June 31, 2006, Page 1-3, European Patent Office	

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		JEFFREY ANDREW SHARP, Notice of References Cited, February 14, 2006, Page1, Unites States Patent and Trademark Office	
		NorthWest Short Line -- "Bits of Knowledge for Sharing, Page 1	

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Notice of References Cited

Application/Control No.

10/712,611

Applicant(s)/Patent Under

Reexamination

BYDALEK ET AL.

Examiner

Jeffrey Sharp

Art Unit

3677

Page 1 of 1

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*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
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	P					
	Q					
	R					
	S					
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		FR 2 457 406 A	12-19-1980	Essilor Intl. CIE GLE	Pages 1-12	✓

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		C. MARTIN, Supplementary European Search Report, February 18, 2005, Pages 1-3, European Patent Office	

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First Named Inventor

David Harris

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Examiner Name

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		JP-62-010101	01-22-1987		Pages 1-19	

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Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-5

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		N. Fujimoto, Translation of Official Action, January 4, 2006, Pages 1-5 Japanese Patent Office	

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		Schaeffler, C., Search Report, September 2, 1999, Pages 1-2, The National Institute of Industrial Property, Republic of France	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		EP 0 265 132 A	04-27-1988	Steelpress Supplies Ltd.	Pages 1-9	
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		Martin, C., European Search Report for Application No. EP 99102819, June 1, 1999, Pages 1-2, European Patent Office	

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<p>Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.</p> <p>Substitute for form 1449/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(Use as many sheets as necessary)</i></p>				Complete if Known	
				Application Number	10/688,173
				Filing Date	October 17, 2003
				First Named Inventor	David Harris
				Art Unit	3677
				Examiner Name	Flemming Saether
Sheet	2	of	2	Attorney Docket Number	11-9540-6520-0000-5

[illegible]

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,941,787	07-17-1990	Shaffer	Pages 1-5
		US-			
		US-			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		DE 199 56 287 A1	05-31-2001	August Friedberg GmbH	Pages 1-8	<input checked="" type="checkbox"/>
		DE 298 15 492 U1	10-29-1998	Quo Jun Feng	Pages 1-10	<input type="checkbox"/>
						<input type="checkbox"/>
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		C.J. HUUSOM, Communication pursuant to Article 96(2) EPC, February 12, 2004, Pages 1-3, European Patent Office	

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